

Draft Outline  
CALFED Programmatic EIR/EIS  
1/29/97

**EXECUTIVE SUMMARY**

**COVER PAGE**

**I. INTRODUCTION**

- 1.1 Introduction
  - 1.1.1 Framework Agreement
  - 1.1.2 December 15, 1994 Accord
  - 1.1.3 Structure of CALFED
- 1.2 CALFED Program Goals and Objectives
- 1.3 Purpose and Need for the Program
- 1.4 CALFED Solution Principles
- 1.5 Program Geographic Scope
  - 1.5.1 Delta Region
  - 1.5.2 Bay Region
  - 1.5.3 Sacramento River Region
  - 1.5.4 San Joaquin River Region
  - 1.5.5 SWP and CVP Service Areas Outside Central Valley

**II. PREFERRED PROGRAM**

- 2.1 Introduction
- 2.2 CALFED Preferred Alternative
  - 2.2.1 Storage and Conveyance
  - 2.2.2 Water Quality
  - 2.2.3 System Integrity
  - 2.2.4 Ecosystem Restoration
  - 2.2.5 Water Use Efficiency
  - 2.2.6 Operational Assumptions and Regulatory Framework
    - Water Quality Standards

- Water Rights
- Drinking Water Standards
- Biological Resource Protection
- SWP/CVP Operations
- Permitting Requirements
- 2.2.7 Implementation Strategy
- 2.2.8 Assurances
- 2.2.9 Financial Plan
- 2.2.10 Mitigation Summary

### **III. ALTERNATIVES TO THE PREFERRED PROGRAM**

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- 3.2 Alternative Development
  - 3.2.1 The CALFED Phase I Process
  - 3.2.2 Actions/Action Categories and Phase I Preliminary Alternatives
  - 3.2.3 20 Initial Alternatives
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  - 3.2.6 The CALFED Phase II Process
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  - 3.2.8 Alternatives Carried Forward for Further Evaluation
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- 3.3 No Action Alternative
  - 3.3.1 Projects and Programs Included
  - 3.3.2 Operational and Regulatory Assumptions
- 3.4 Alternative IA
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  - 3.4.3a System Integrity
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  - 3.4.5a Water Use Efficiency
  - 3.4.6a Operational Assumptions, Regulatory Framework and Permitting Requirements
  - 3.4.7a Mitigation Summary

(Each of the remaining alternatives will have the same organizational outline as presented in Alternative 1A above)

Alternative IB

3.5 Alternative IIA  
Alternative IIB

3.6 Alternative IIIA  
Alternative IIIB

#### **IV. PHYSICAL ENVIRONMENT - Affected Environment, Environmental Consequences, and Mitigation Measures**

##### **4.1 SURFACE WATER HYDROLOGY**

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4.1.2 Environmental Impacts/Consequences

4.1.2.1 Assessment Methods

4.1.2.2 Significance Criteria

4.1.2.3 No Action Alternative  
Comparison to Existing Conditions  
Delta Region  
Bay Region  
Sacramento River Region  
San Joaquin River Region  
SWP and CVP Service Areas Outside CV  
Summary of Potential Significant Impacts  
Potential Significant Unavoidable Impacts

4.1.2.4 Preferred Program  
Comparison to No Action Alternative  
Delta Region  
Bay Region  
Sacramento River Region  
San Joaquin River Region  
SWP and CVP Service Areas Outside CV  
Comparison to Existing Conditions  
Summary of Potential Significant Impacts  
Summary of Residual Impacts  
Mitigation Strategies  
Potential Significant Unavoidable Impacts

- 4.1.2.5      Alternative IA
  - Comparison to No Action Alternative
    - Delta Region
    - Bay Region
    - Sacramento River Region
    - San Joaquin River Region
    - SWP and CVP Service Areas Outside CV
  - Comparison to Existing Conditions
  - Summary of Potential Significant Impacts
  - Summary of Residual Impacts
  - Mitigation Strategies
  - Potential Significant Unavoidable Impacts

(Each of the remaining alternatives will have the same organizational outline as presented in Alternative 1A above.)

- Alternative IB
- 4.1.2.6      Alternative IIA
  - Alternative IIB
- 4.1.2.7      Alternative IIIA
  - Alternative IIIB

(Each of the remaining resource categories in Chapters 4, 5 & 6 will have the same organizational outline as presented in Surface Water Hydrology above.)

- 4.2      GROUNDWATER HYDROLOGY
- 4.3      WATER MANAGEMENT FACILITIES AND OPERATIONS
- 4.4      BAY-DELTA HYDRODYNAMICS
- 4.5      WATER QUALITY
- 4.6      GEOMORPHOLOGY, SOILS AND SEISMICITY
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- 4.9      TRAFFIC AND NAVIGATION
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## V.      **BIOLOGICAL ENVIRONMENT - Affected Environment, Environmental Consequences, and Mitigation Measures**

- 5.1      FISHERIES AND AQUATIC ECOSYSTEM
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- 6.2 AGRICULTURAL ECONOMICS
- 6.3 MUNICIPAL AND INDUSTRIAL WATER SUPPLY ECONOMICS
- 6.4 FISH WILDLIFE AND RECREATION ECONOMICS
- 6.5 REGIONAL ECONOMICS
- 6.6 POWER PRODUCTION AND ENERGY
- 6.7 RECREATION RESOURCES
- 6.8 VISUAL RESOURCES
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- 6.11 UTILITIES AND PUBLIC SERVICES
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**VII. CUMULATIVE IMPACTS**

- 7.1 Projects Included in Cumulative Impact Analysis
- 7.2 Potential Significant Impacts
- 7.3 Mitigation Strategies

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- 8.1 Potential Significant Impacts
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**IX. SHORT-TERM USES VERSUS LONG-TERM PRODUCTIVITY and IRREVERSIBLE AND IRRETRIEVABLE IMPACTS**

**X. COMPLIANCE WITH APPLICABLE LAWS, POLICIES AND PLANS**

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- 11.1 PCT
- 11.2 BDAC
- 11.3 CALFED Workgroups & Technical Teams
- 11.4 Public Outreach
- 11.5 Scoping
  - 11.5.1 Opportunities for Public Involvement
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**XII. MITIGATION MONITORING PLAN**

**XIII. LIST OF PREPARERS**

**XIV. BIBLIOGRAPHY**

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